

HSG HOT-SALE MODEL

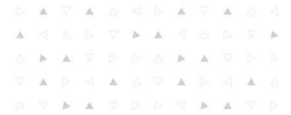
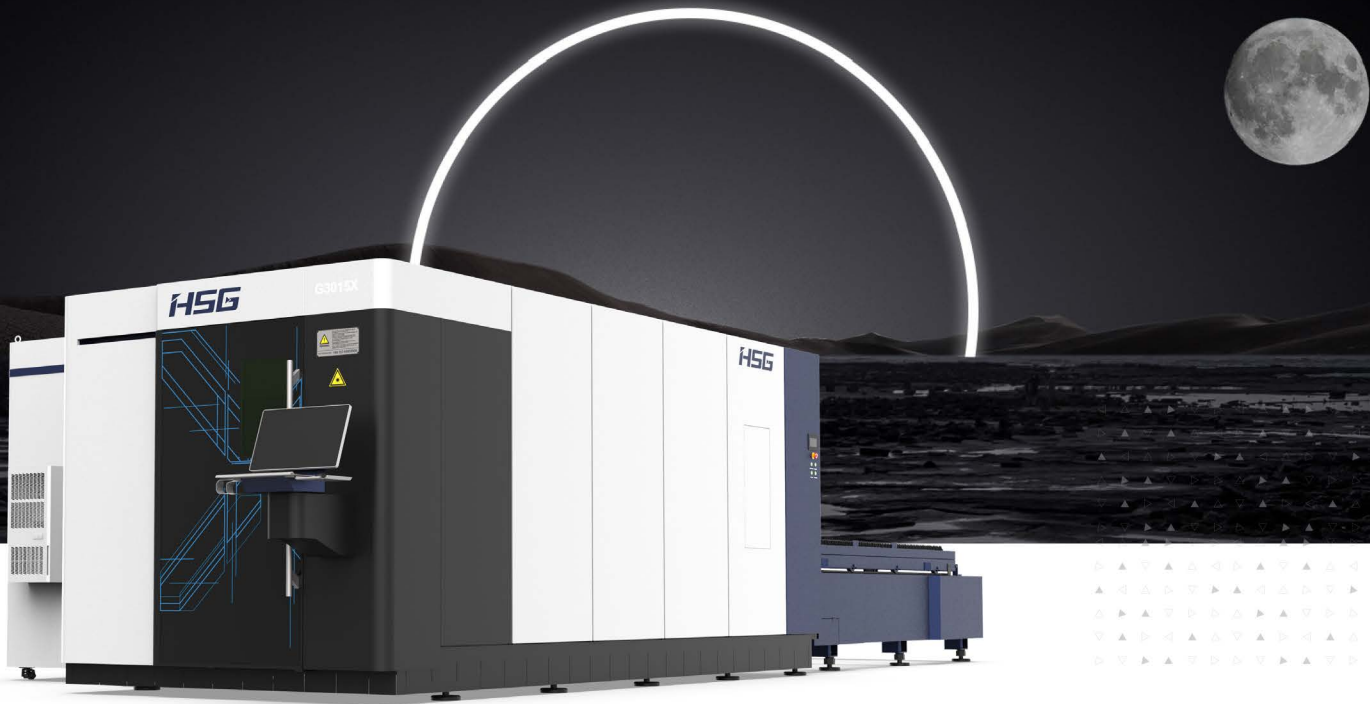
40HQ STANDARD CONTAINER TRANSPORT



G3015X

Double Exchange Platforms Laser Cutting Machine

Technical Parameter	G3015X
Processing Format (L*W)	3048*1524mm
Power	2000-6000W
X/Y-axis Positioning Accuracy	±0.03mm/m
X/Y-axis Repositioning Accuracy	±0.03mm
Max. Acceleration	1.5G
Max. No-load Speed	140m/min
Max. Loading Weight	900kg
Overseas Transport	One 40HQ Standard Container
Overall Dimensions (L*W*H)	8900*2260*2200mm



Take **2** days to install



Make shipment within **7-15** days



20-year machine bed

Std

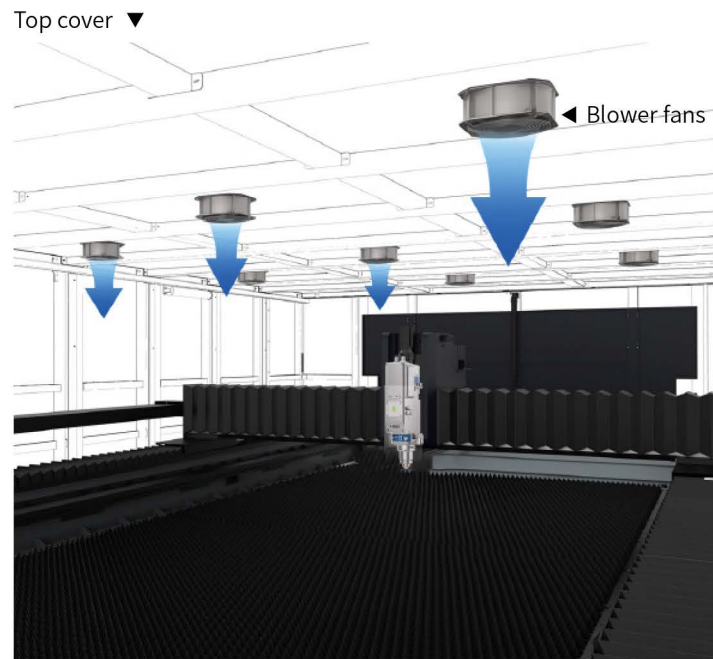
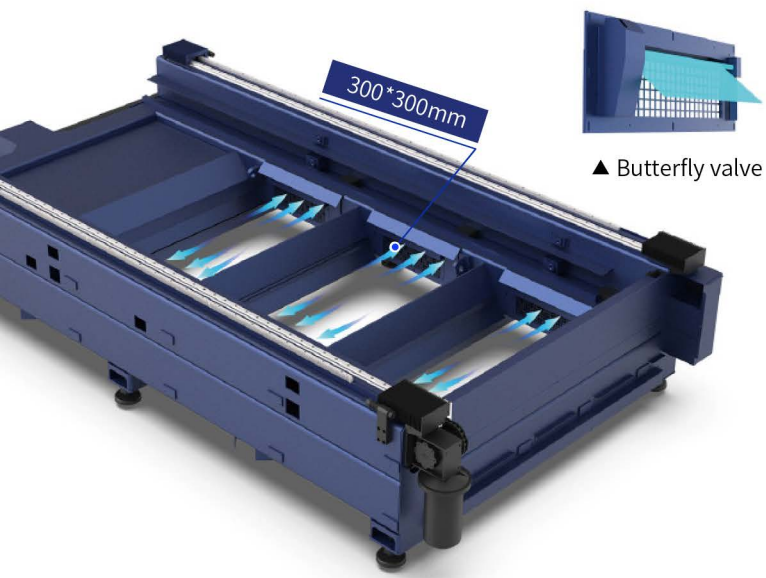
One 40HQ standard container



3000+ global users

KEY CONFIGURATIONS

	G3015X
CNC Control System	HSG-X2000S
Speed Reducer	German WITTENSTEIN Alpha
Zoning Ventilation System	
Positive-pressure Blowing on Top Cover	Standard



ZONING VENTILATION SYSTEM



Almost smoke-free



Low noise

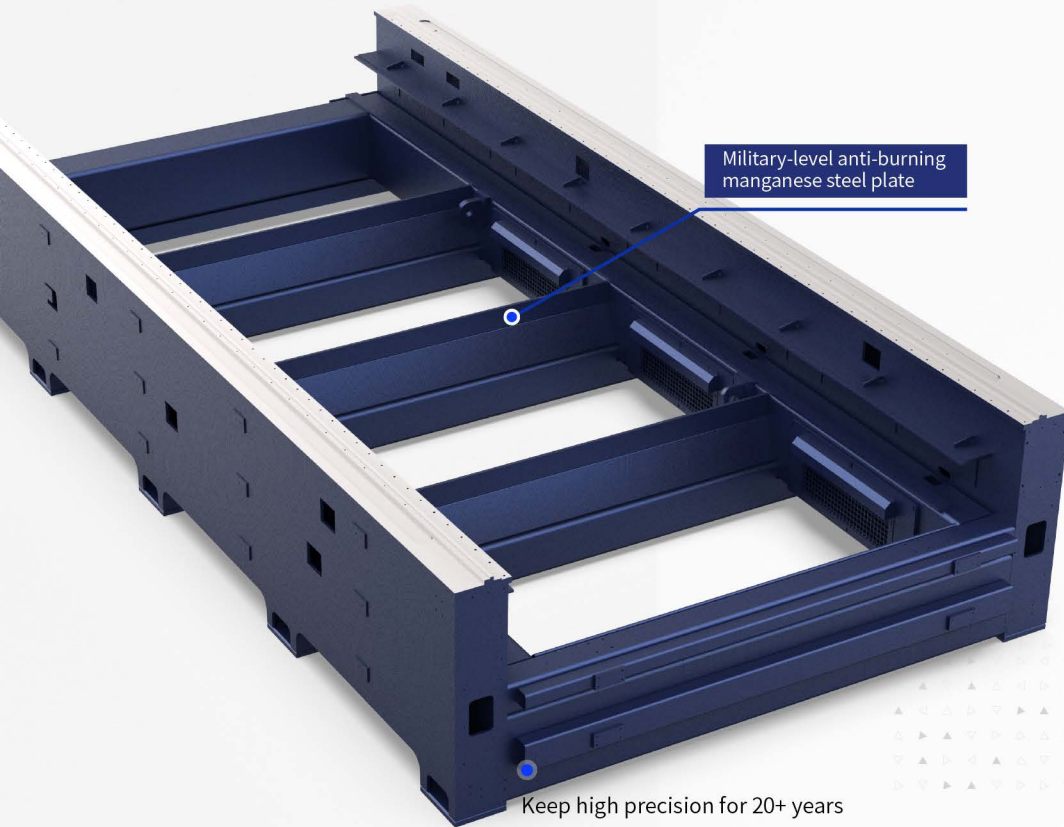


Pollution-free



Long-life components

Positive-pressure air to the cutting area for better air blowing effect.

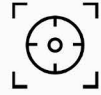


Military-level anti-burning manganese steel plate

Keep high precision for 20+ years



More solid in structure



Highly precise and stable for 20+ years



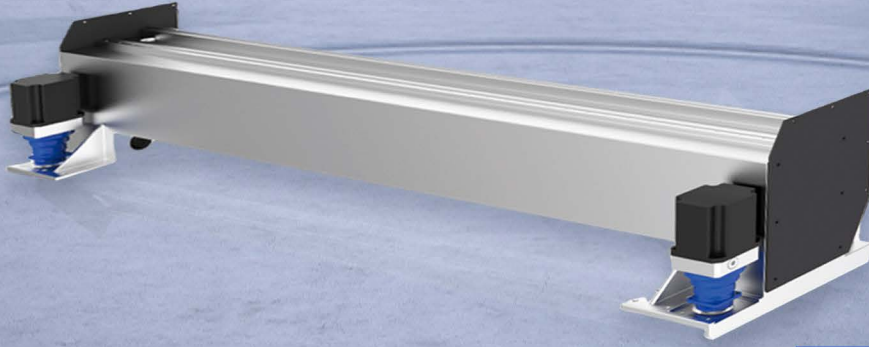
Much safer in cutting



Keep operators safe

HIGH-QUALITY CARBON STEEL WELDED MACHINE BED

- Cover with military-level anti-burning manganese steel
- 20 years using without deformation
- Lessen the area heated by laser



- Lighter in weight
- More solid in structure
- Uniform textures
- Higher in strength

THE LATEST GENERATION OF EXTRUDED AVIATION ALUMINUM BEAM

- 📦 Adopt 6 series aviation aluminum alloy
- 📦 Keep up with aerospacecraft design standards
- 📦 Keep high precision for 20+ years



- ⇒ **99.95%+** laser transmittance,
- ⇒ **0.05%-** power loss,
- ⇒ **3** protective lens

HIGH-PRECISION LASER CUTTING HEAD



Autofocus accuracy
 $\pm 0.01\text{mm}$



Active obstacle
avoidance



Autoalarm if
abnormal



Simple to maintain



Cut thin and thick
sheets in batch stably

* Special monitoring sensor for cutting head

* Keep away from barrier or obstacle automatically during cutting

* Easy to cut with mirror-like surface

HSG-X2000S CONTROL SYSTEM



Intelligent obstacle avoidance



Perfect finish cut (PFC) and perfect start cut (PSC)



Vibration abatement



Quiver prevention for thin sheets



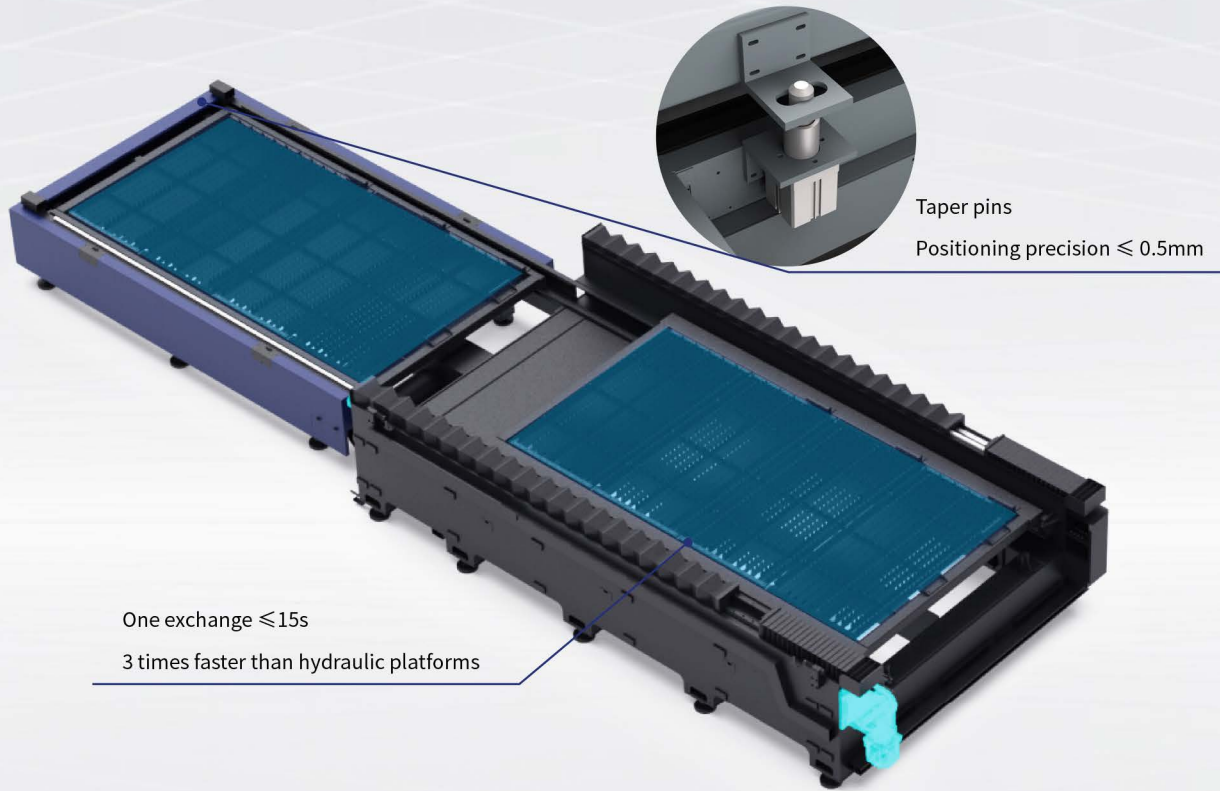
21-inch 4K HCl touch screen

Flying cutting with leapfrog

Built-in nesting software

- ☞ Easy to operate for new users
- ☞ Many graphic files, incl. dxf, PLT, AI, NC code
- ☞ Cool technologies, such as active collision prevention, scraps shredding, flying cutting, leapfrog and intelligent edge searching





DOUBLE EXCHANGE PLATFORMS TAPER PINS POSITIONING



Quality above industry
criteria



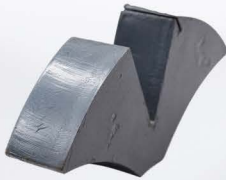
Visible exchange process

- 16A chains, 4mm wider than industry criteria
- High-precision CNC system, protecting the machine and operators well

MIRROR-LIKE SURFACE CUTTING

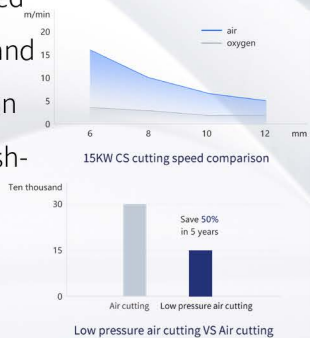
- * Cutting section as smooth as a mirror
- * Smaller degree of taper $\leq 0.18^\circ$
- * High cutting precision
- * Save energy and costs
- * With no need for secondary polishing

Tips: It is only applicable to carbon steel cutting by oxygen.



LOW-PRESSURE AIR CUTTING

- * Triple cutting speed
- * Halve total costs and energy consumption
- * Require little polishing due to less adhering slags



Tips: It is suitable for all 6kW+ machines.

PROFITABLE COOL TECHNOLOGIES FOR YOU



LIGHTNING-FAST PIERCING

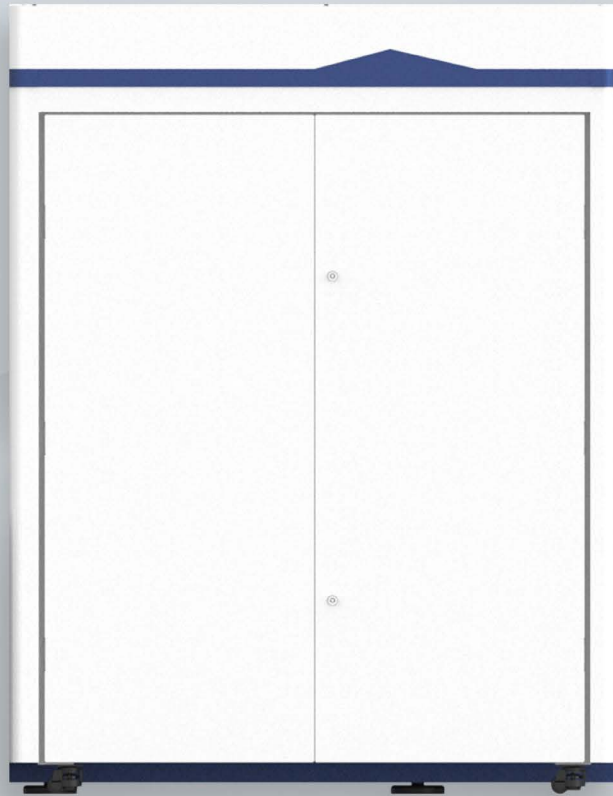
- * Piercing at millisecond level
- * Piercing with high precision
- * Negligible popping rate
- * Clean and slagless



INTELLIGENT CUTTING PATH PLANNING

- * Improve cutting efficiency by 30%
- * Huge reduction in costs
- * Free cutting section from thermal deformation

FULL-PROTECTIVE STRUCTURE WITH INDEPENDENT ELECTRIC CABINET

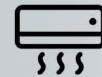


CE

EU CE certification



Standard wiring



Air conditioner for heat dissipation

- 📦 Separate weak current from strong current
- 📦 Air conditioner to remove short circuit, overload and ignition

FAMOUS-BRAND COMPONENTS



German WITTENSTEIN Alpha Speed Reducer

- * World's top brand
- * Keep high precision for 10 years
- * Low running noise
- * High precision

High-performance Servo Motor

- * High revolving speed
- * Large output torque
- * Low electricity costs
- * Dynamic following error $<0.01\text{mm}$
- * Round hole outline error $\leq 0.05\text{mm}$





HSG LASER

THE LIGHT OF INTELLIGENT MANUFACTURING

HI-TECH ENTERPRISE IN CHINA

HSG Laser, founded in 2006, as a national hi-tech enterprise with an eye to R&D, production and sales of laser equipment, is now mainly dedicated to serve global customers with intelligent metal forming solutions.



33 patents for
invention



316 patents
in total

SERVE 100+ COUNTRIES AND REGIONS



4
Standardized
manufacturing
bases in China

80000m² +
Total area of
production factories

5000+
Annual productivity

3000+
Global sales in 2020

1500+
Strugglers

170+
R&D personnel

10
Branches/subsidiaries/
sub-subsidiaries







30+
Service outlets overseas



- * 3D five-axis bevel cutting technology
- * P30 ultra-high-power intelligent laser cutting head
- * Intelligent digital four chucks
- * Alpha T bus system
- * HSG-XMT multi-touch operating system



MACHINES AVAILABLE FOR SALE

-  Sheet metal laser cutting machines
-  Sheet & tube laser cutting machines
-  Tube metal laser cutting machines
-  Bending machines
-  Welding machine
-  Automation devices



STRICT IN QUALITY CONTROL FLOW

IN PURSUIT OF
QUALITY
EXCELLENCE



STEP 1
COLORIMETER



STEP 2
FILM THICKNESS GAUGE



STEP 5
COLLIMATOR
(beam)



STEP 4
HARDNESS TESTER



STEP 3
2D CATHETOMETER

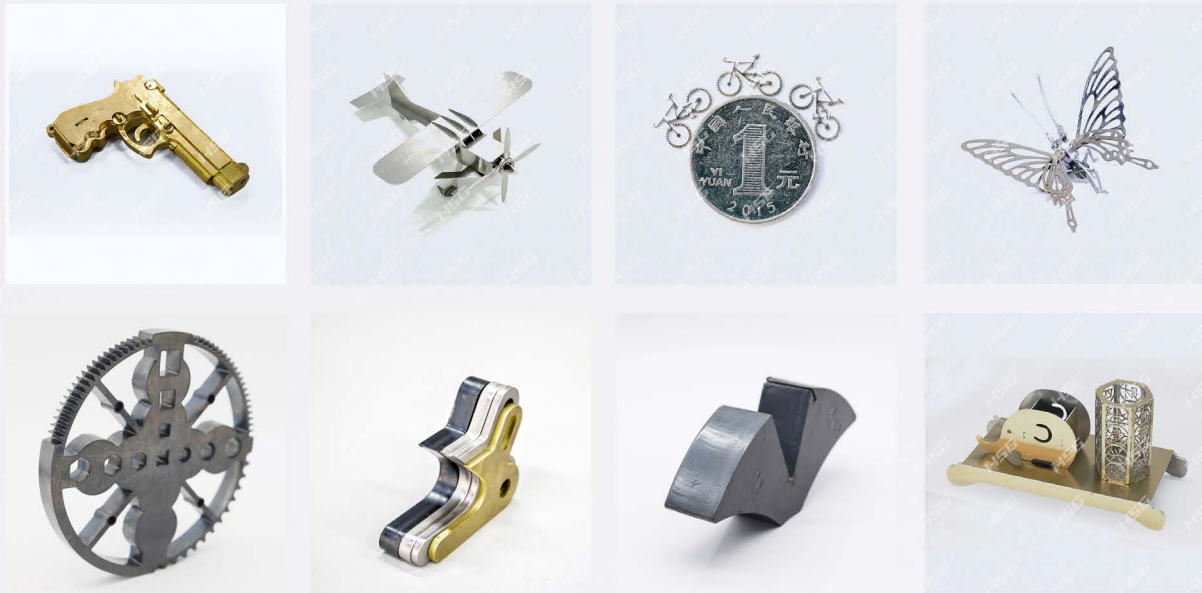


STEP 6
COLLIMATOR
(bed)

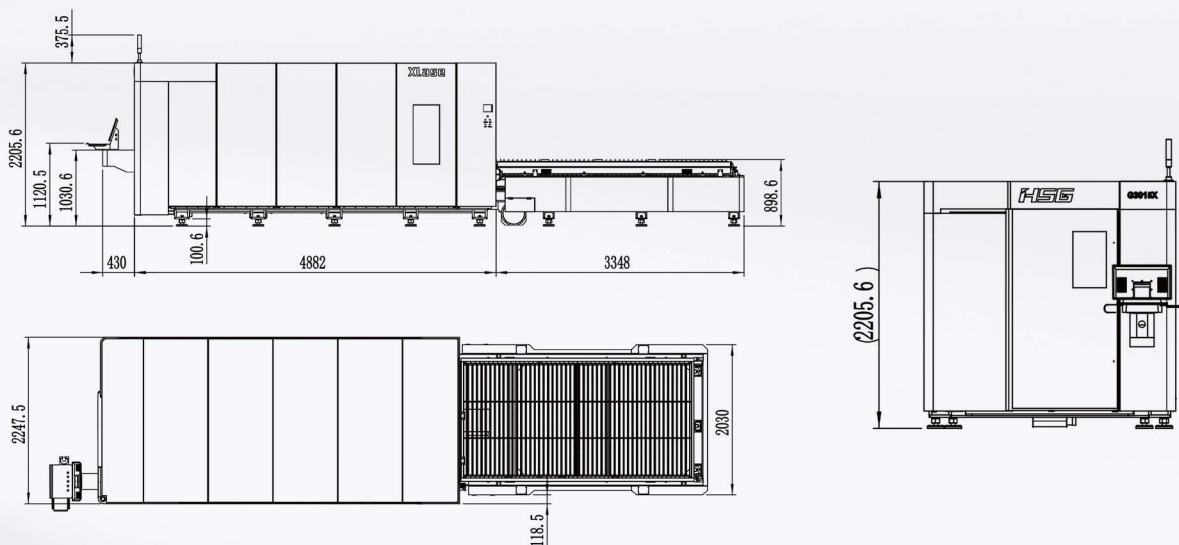


STEP 7
INTERFEROMETER

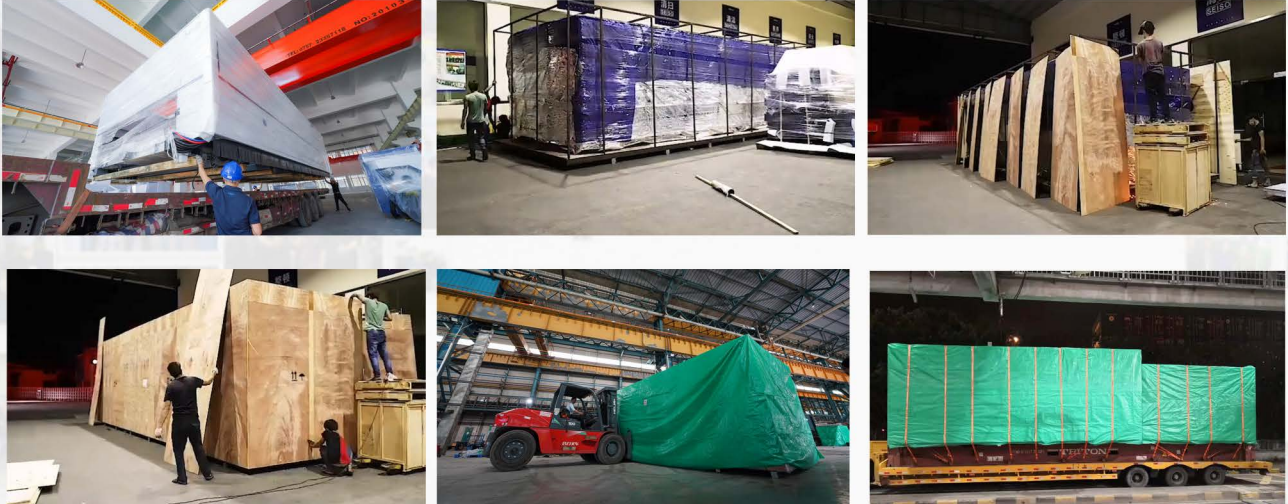
CUTTING SAMPLES



MACHINE DIMENSION



SHIPMENT DIAGRAM



CUSTOMER TESTIMONIALS

